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**REGISTERED PATENT AGENTS

July 14, 2000

WRITER'S DIRECT NUMBER:
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Commissioner for Patents
Washington, D.C. 20231



Box Missing Parts

Re: U.S. Utility Patent Application
Appl. No. 09/525,185; Filed: March 14, 2000
For: **Spread Spectrum Applications
of Universal Frequency Translation**
Inventors: Sorrells *et al.*
Our Ref: 1744.0450002

Sir:

In reply to the "Notice to File Missing Parts of Application--Filing Date Granted," dated May 19, 2000, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal Form PTO/SB/17 (*in duplicate*);
2. Copy of the Notice to File Missing Parts;
3. An original, executed Combined Declaration and Power of Attorney, which is a five-page document consisting of eight sheets;
4. An original, executed Certificate under 37 C.F.R. § 3.73(b) with copy of Assignment attached;
5. An original, executed Power of Attorney from Assignee;

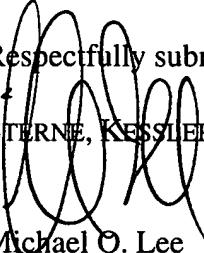
Commissioner for Patents
July 14, 2000
Page 2

6. Our Check No. 28075 for \$130.00 to cover the surcharge for late filing of Declaration (37 C.F.R. § 1.16); and
7. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,


STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee
Attorney for Applicants
Registration No. 35,239

#3

FORMALITIES LETTER



OC00000005127622

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
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09/525,185

03/14/2000

David F. Sorrells

1744.0450002

Sterne Kessler Goldstein & Fox PLLC
 Suite 600
 1100 New York Ave NW
 Washington, DC 20005-3934



Date Mailed: 05/19/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/17/2000 CVORACHA 00000089 09525185

01 FC:105

130.00 OP

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
 Small Entity payments must be supported by a small entity statement,
 otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
 See 37 C.F.R. §§ 1.27 and 1.28.

JUL 14 2000

U.S. TRADEMARK OFFICE

Complete if Known

Application Number	09/525,185
Filing Date	March 14, 2000
First Named Inventor	David F. Sorrells
Examiner Name	(to be assigned)
Group / Art Unit	2734
Attorney Docket Number	1744.0450002

TOTAL AMOUNT OF PAYMENT (\$ 130.00)

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number
19-0036
Deposit Account Name
Sterne, Kessler, Goldstein & Fox P.L.L.C.

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed: Check Money Order Other*
*Charge any deficiencies or credit any overpayments in
the fees or fee calculations of Parts 1, 2 and 3 below
to Deposit Account No. 19-0036.

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	334	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					

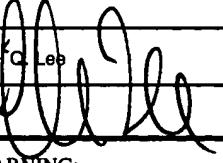
2. EXTRA CLAIM FEES

Total Claims	- 20** =	X	=	Fee from below	Fee Paid
Indep. Claims	- 3** =	X	=		
Multiple Dependent			=		
** or number previously paid, if greater; For Reissues, see below					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim	
108	78	209	39	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) :					
Other fee (specify) :					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					130.00

SUBMITTED BY**Complete (if applicable)**

Typed or Printed Name	Michael Q. Lee	Reg. Number	35,239
Signature		Date	7/14/00

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.